CONTRIBUTING AUTHORS

CONTRIBUTING AUTHORS, VOLUMES 23–27

A

Aposhian, H. V., 23:193–215
Archer, S., 25:485–508
Aw, T. Y., 25:714–44
Awouters, F., 23:279–301

B

Bahl, J. J., 27:257–77
Baird, A., 25:463–83
Baker, T., 26:517–45
Banner, W. Jr., 24:65–83
Barbeau, A., 27:113–36
Beckman, D. A., 24:483–500
Bend, J. R., 25:97–125
Bernstein, K. N., 24:105–20
Bianchetti, A., 25:249–73
Blank, J. A., 27:23–49
Bloom, F. E., 23:151–70
Böhlen, P., 25:463–83
Bolard, J., 23:303–30
Bourne, H. R., 27:371–84
Boyd, M. R., 23:217–38
Brain, J. D., 26:547–65
Brajtburg, J., 23:303–30
Brater, D. C., 23:45–62
Brent, R. L., 24:483–500
Bressler, R., 27:257–77
Brown, R. D., 25:667–89

C

Campanella, G., 27:113–36
Campbell, G., 27:51–70
Cannon, J. G., 23:103–30
Caranasos, G. J., 25:67–95
Carino, M. A., 26:311–22
Casida, J. E., 23:413–38
Casperson, G. F., 27:371–84
Cauvin, C., 23:373–96
Chan, W. Y., 23:131–49
Chenoweth, M. B., 25:33–40
Cluff, L. E., 25:67–95
Cohen, M. L., 25:307–23
Cooper, S. A., 23:617–47
Correia, M. A., 23:481–503
Critchley, J. A. J. H., 23:87–101
Cuatrecasas, P., 23:461–79
Cutler, R. E., 27:169–91

D

Daftari, P., 26:117–42
Dailey, J. W., 25:667–89
Darby, T. D., 27:157–67
Dean, J. H., 27:23–49
Dedrick, R. L., 24:85–103
Deloria, L. B., 26:455–515
Dixon, R. L., 25:567–92
Duckles, S. P., 24:65–83
Durant, N. N., 23:505–39
Duzman, E., 26:401–26

E

Eneroth, P., 23:259–78
Esch, F., 25:463–83
Evans, J. R., 27:169–91

F

Fara, J. W., 24:199–236
Farah, A. E., 24:275–328
Feuerstein, G., 27:301–13
Fischer, H. W., 26:143–60
Fisher, A., 26:161–81
Forland, S. C., 27:169–91
Fridovich, I., 23:239–57
Fudenberg, H. H., 24:147–74
Furchgott, R. F., 24:175–97

G

Gammon, D. W., 23:413–38
Gibson, J. E., 25:745–67
Gillin, J. C., 27:137–56
Gillis, C. N., 26:183–200
Glickman, A. H., 23:413–38
Goldberg, A. M., 25:225–47
Goldstein, D. B., 24:43–64
Gram, R. A., 26:259–91
Gram, T. E., 26:259–91
Guillemin, R., 25:463–83
Gustafson, E., 25:413–31
Gustafsson, J. Å., 23:259–78

H

Hallenbeck, J. M., 27:301–13
Hammond, P. G. S. J., 27:169–91
Handley, D. A., 27:237–55
Handwerger, S., 25:349–80
Hanin, I., 26:161–81
Henderson, E. G., 23:505–39
Henriksen, S. J., 27:137–56
Hershey, L., 24:361–86
Hinson, J. L., 25:667–89
Hirasawa, K., 25:147–70
Hodgson, E., 24:19–42
Hökfelt, T., 23:259–78
Holaday, J. W., 23:541–94
Hollister, L. E., 26:23–37
Höllt, V., 26:59–77
Holohan, P. D., 23:65–85
Hondeghem, L. M., 24:387–423
Horita, A., 26:311–22
Hurwitz, L., 26:225–58

I

Ignarro, L. J., 25:171–91
Insel, P. A., 27:215–35
Itskovitz, H. D., 26:101–16
Iversen, L. L., 23:1–28

J

Jacobs, S., 23:461–79
Janis, R. A., 27:347–69
Janssen, P. A. J., 23:279–301

K

Kador, P. F., 25:691–714
Kadowitz, P. J., 25:171–91
Kalf, G. F., 27:399–427
Kamm, K. E., 25:593–620
Kaplowitz, N., 25:715–44
Katzung, B. G., 24:387–423
Kaul, P. N., 26:117–42
Keats, A. S., 25:41–65
Kendrick, Z. V., 25:275–305
Kimbrough, R. D., 27:87–111
Kinoshita, J. H., 25:691–714
Kobayashi, G. S., 23:303–30
Kulkarni, A. P., 24:19–42

L

Lagunoff, D., 23:331–51
Lai, H., 26:311–22

Lambert, J. J., 23:505–39
Lasagna, L., 25:27–31
Laska, E. M., 27:385–97
Lawrence, L. J., 23:413–38
Leopold, I. H., 26:401–26
Levine, A. S., 25:127–46
Lewis, R. V., 23:353–72
Li, C. H., 27:1–21
Light, W., 23:595–615
Ling, N., 25:463–83
Loutzenhiser, R., 23:373–96
Lowenthal, D. T., 25:275–305
Lowndes, H. E., 26:517–45
Lucchesi, B. R., 26:201–24
Luster, M. I., 27:23–49

M

Mahan, L. C., 27:215–35
Manara, L., 25:249–73
Mandell, A. J., 24:237–74
Mannering, G. J., 26:455–515
Maren, T. H., 23:439–59
Marshall, G. R., 27:193–213
Martin, T. W., 23:331–51
Matthews, H. B., 24:85–103
McClellan, R. O., 27:279–300
McKernan, R. M., 27:215–35
McKinney, M., 24:121–46
Medoff, G., 23:303–30
Meisner, M. J., 27:385–97
Meldrum, M. J., 25:621–41
Miller, M. S., 25:643–66
Minchin, R. F., 23:217–38
Mitchell, C. L., 24:425–50
Mode, A., 23:259–78
Morley, J. E., 25:127–46
Morris, T., 26:143–60
Mossman, B., 23:595–615
Mullane, K. M., 26:201–24

N

Nechay, B. R., 24:501–24
Niemegeers, C. J. E., 23:279–301
Nishizuka, Y., 25:147–70
Norstedt, G., 23:259–78
Noueihed, R., 25:433–62

O

O'Connor, D. T., 24:105–20
Okine, L. K., 26:259–91
Ookhtens, M., 25:715–44
Ortiz de Montellano, P. R., 23:481–503

P

Paton, W. D. M., 26:1–22
Philpot, R. M., 25:97–125
Portoghese, P. S., 25:193–223
Post, G. B., 27:399–427
Prescott, L. F., 23:87–101
Proctor, B. L., 23:171–92

Q

Qian, S.-Z., 24:329–60

R

Ramasharma, K., 27:1–21
Read, G., 23:331–51
Richelson, E., 24:121–46
Ringold, G. M., 25:529–66
Rivera-Calimlim, L., 24:361–86
Robison, W. G. Jr., 25:691–714
Ross, C. R., 23:65–85
Rowan, A. N., 25:225–47
Roy, M., 27:113–36
Rybak, L. P., 26:79–99

S

Safe, S. H., 26:371–99
Sanyal, G., 23:439–59
Saunders, R. N., 27:237–55
Schleimer, R. P., 25:381–412
Schrag, S. D., 25:567–92
Schwarz, R. P. Jr., 24:275–328
Serabjit-Singh, C. J., 25:97–125
Sherry, S., 25:413–31
Shiromani, P. J., 27:137–56
Simpson, L. L., 26:427–53
Snyder, R., 27:399–427
Spencer, P. S., 25:643–66
Starr, T. B., 25:745–67
Stern, A. S., 23:353–72
Stewart, R. B., 25:67–95
Stier, C. T., 26:101–16
Strom, B. L., 27:71–86
Stull, J. T., 25:593–620
Su, C., 23:397–411

T

Takemori, A. E., 25:193–223
Tilson, H. A., 24:425–50
Tomasz, A., 25:349–80
Triggle, D. J., 27:347–69
Troll, W., 25:509–28

U

Urquhart, J., 24:199–236
Uvnäs, B., 24:1–18

V

Van Breemen, C., 23:373–96
Vedin, J. A., 23:29–44
Velázquez, H. E., 26:293–309

W

Wang, Z.-G., 24:329–60
Way, E. L., 23:649–56; 24:525–33; 25:769–75; 26:567–76; 27:429–37
Way, J. L., 24:451–81
Wehrenberg, W. B., 25:463–83
Wei, E., 23:595–615
Welch, A. D., 25:1–26
Westfall, T., 25:621–41
Whitlock, J. P., 26:333–69
Whitten, H. D., 24:147–74
Wiesner, R., 25:509–28
Wilhelmsson, C. E., 23:29–44
Williams, M., 27:315–45
Willis, K. L., 24:199–236
Wilson, J. T., 25:667–89
Wright, F. S., 26:293–309

Y

Yaksh, T. L., 25:433–62
Ying, S. Y., 25:463–83

CHAPTER TITLES, VOLUMES 23–27

PREFATORY CHAPTERS

From Physiologist to Pharmacologist—Promotion or Degradation? Fifty Years in Retrospect	B. Üvnas	24:1–18
Reminiscences in Pharmacology: Auld Acquaintance Ne'er Forgot	A. D. Welch	25:1–26
On Becoming and Being a Pharmacologist	W. D. M. Paton	26:1–22

HISTORY AND HIGHLIGHTS OF PHARMACOLOGY

Clinical Pharmacology in the United States: A Personal Reminiscence	L. Lasagna	25:27–31
Perspectives in Toxicology	M. B. Chenoweth	25:33–40

ALLERGY AND DRUG SENSITIVITY

Agents that Release Histamine from Mast Cells	D. Lagunoff, T. W. Martin, G. Read	23:331–51

ANESTHETICS, ANALGESICS, AND ANTIINFLAMMATORY AGENTS

Biosynthesis of the Enkephalins and Enkephalin-Containing Polypeptides	R. V. Lewis, A. S. Stern	23:353–72
New Peripherally Acting Oral Analgesic Agents	S. A. Cooper	23:617–47
The Mechanisms of Antiinflammatory Steroid Action in Allergic Diseases	R. P. Schleimer	25:381-412
The Physiology and Pharmacology of Spinal Opiates	T. L. Yaksh, R. Noueihed	25:433–62
Opioid Peptide Processing and Receptor Selectivity	V. Höllt	26:59–77

ANTIMICROBIAL, ANTIVIRAL, AND ANTIPARASITIC CHEMOTHERAPY

Antifungal Agents Useful in Therapy of Systemic Fungal Infections	G. Medoff, J. Brajtburg, G. S. Kobayashi	23:303–30
The Chemotherapy of Schistosomiasis	S. Archer	25:485–508
The Pharmacology and Toxicology of the Interferons: An Overview	G. J. Mannering, L. B. Deloria	26:455–515

AUTONOMIC PHARMACOLOGY

Insulin Receptors	S. Jacobs, P. Cuatrecasas	23:461–79
Phosphatidylinositol Turnover in Receptor Mechanism and Signal Transduction	K. Hirasawa, Y. Nishizuka	25:147–70
Metabolism of Alpha- and Beta-Adrenergic Receptors In Vitro and In Vivo	L. C. Mahan, R. M. McKernan, P. A. Insel	27:215–35
Biochemical and Molecular Genetic Analysis of Hormone-Sensitive Adenylyl Cyclase	G. F. Casperson, H. R. Bourne	27:371–84

BEHAVIORAL AND PSYCHOPHARMACOLOGY

Neurobehavioral Techniques to Assess the Effects of Chemicals on the Nervous System	H. A. Tilson, C. L. Mitchell	24:425–50
Drug-Exercise Interactions	D. T. Lowenthal, Z. B. Kendrick	25:275–305

CANCER CHEMOTHERAPY AND IMMUNOPHARMACOLOGY

Superoxide Radical: An Endogenous Toxicant	I. Fridovich	23:239–57
Immunostimulation: Synthetic and Biological Modulators of Immunity	H. H. Fudenberg, H. D. Whitten	24:147–74
Molecular and Cellular Basis of Chemically Induced Immunotoxicity	M. I. Luster, J. A. Blank, J. H. Dean	27:23–49

CARDIOVASCULAR PHARMACOLOGY

Beta Receptor Blocking Agents in the Secondary Prevention of Coronary Heart Disease	J. A. Vedin, C. E. Wilhelmsson	23:29–44
Mechanisms of Calcium Antagonist-Induced Vasodilation	C. Cauvin, R. Loutzenhiser, C. Van Breemen	23:373–96
Cardiovascular Effects of Endogenous Opiate Systems	J. W. Holaday	23:541–94
Antiarrhythmic Agents: The Modulated Receptor Mechanism of Action of Sodium and Calcium Channel–Blocking Drugs	L. M. Hondeghem, B. G. Katzung	24:387–423
Positive Inotropic Agents	A. E. Farah, A. A. Alousi, R. P. Schwarz, Jr.	24:275–328
Antiadrenergic Antihypertensive Drugs: Their Effect on Renal Function	K. N. Bernstein, D. T. O'Connor	24:105–20
Alterations in the Release of Norephinephrine at the Vascular Neuroeffector Junction in Hypertension	T. C. Westfall, M. J. Meldrum	25:621–41
The Current and Future Use of Thrombolytic Therapy	S. Sherry, E. Gustafson	25:413–31
Pharmacological Aspects of Metabolic Processes in the Pulmonary Microcirculation	C. N. Gillis	26:183–200
Leukocytes and Ischemia-Induced Myocardial Injury	B. R. Lucchesi, Keven M. Mullane	26:201–24
Prostaglandins, Leukotrienes, and Platelet-Activating Factor in Shock	G. Feuerstein, J. M. Hallenbeck	27:301–13
Platelet-Activating Factor Antagonists	R. N. Saunders, D. A. Handley	27:237–55
Calcium Channel Ligands	D. J. Triggle, R. A. Janis	27:347–69

CLINICAL TOXICOLOGY AND DRUG INTERACTIONS

The Treatment of Acetaminophen Poisoning	L. F. Prescott, J. A. J. H. Critchley	23:87–101
Clinically Desirable Drug Interactions	G. J. Caranasos, R. B. Stewart, L. E. Cluff	25:67–95
Human Health Effects of Polychlorinated Biphenyls (PCBs) and Polybrominated Biphenyls (PBBs)	R. D. Kimbrough	27:87–111
Extracorporeal Removal of Drugs and Poisons by Hemodialysis and Hematoperfusion	R. E. Cutler, S. C. Forland, P. G. S. J. Hammond, J. R. Evans	27:169–91

COMPARATIVE PHARMACOLOGY

The Activity of Sulfonamides and Anions Against the CarbonicAnhydrases of Animals, Plants, and Bacteria	T. H. Maren, G. Sanyal	23:439–59

ENDOCRINE PHARMACOLOGY

Central Control of Prolactin and Estrogen Receptors in Rat Liver—Expression of a Novel Endocrine System, The Hypothalamo-Pituitary-Liver Axis	J.-A. Gustafsson, A. Mode, G. Norstedt, P. Eneroth, T. Hökfelt	23:259–78

Physiological Studies with Somatocrinin, A Growth Hormone-Releasing Factor	W. B. Wehrenberg, A. Baird, F. Zeytin, F. Esch, P. Böhlen, N. Ling, S. Y. Ying, R. Guillemin	25:463–83
Inhibin	C. H. Li, K. Ramasharma	27:1–21
ENVIRONMENTAL AND INDUSTRIAL PHARMACOLOGY AND TOXICOLOGY		
DMSA and DMPS—Water Soluble Antidotes for Heavy Metal Poisoning	H. V. Aposhian	23:193–215
Cyanide Intoxication and Its Mechanism of Antagonism	J. L. Way	24:451–81
Mechanisms of Action of Vanadium	B. R. Nechay	24:501–24
The Mechanistic Toxicology of Formaldehyde and its Implications for Quantitative Risk Estimation	T. B. Starr, J. E. Gibson	25:745–67
The Toxicity of Smoke from Polymeric Materials during Thermal Decomposition	Y. Alarie	25:325–47
Toxicological Aspects of Alterations of Pulmonary Macrophage Function	J. D. Brain	26:547–65
The Comparative Toxicology and Mechanism of Action of Polychlorinated Dibenzo-P-Dioxins and Dibenzofurans	S. Safe	26:371–99
The Pharmacology of Intravascular Radiocontrast Media	T. Morris, H. W. Fischer	26:143–60
Human Health Effects of Exposure to Diesel Exhaust Particles	R. O. McClellan	27:279–300
Solvent Toxicology: Recents Advances in the Toxicology of Benzene, the Glycol Ethers, and Carbon Tetrachloride	G. F. Kalf, G. B. Post, R. Snyder	27:399–427
GASTROINTESTINAL PHARMACOLOGY		
Pharmacology of Antidiarrheal Drugs	F. Awouters, C. J. E. Niemegeers, P. A. J. Janssen	23:279–301
The Central and Peripheral Influences of Opioids on Gastrointestinal Propulsion	L. Manara, A. Bianchetti	25:249–73
MECHANISMS OF ACTION OF DRUGS AND CHEMICALS		
Asbestos: Mechanisms of Toxicity and Carcinogenicity in the Respiratory Tract	B. Mossman, W. Light, E. Wei	23:595–615
The Effects of Drugs on Membrane Fluidity	D. B. Goldstein	24:43–64
The Role of Oxygen Radicals as a Possible Mechanism of Tumor Promotion	W. Troll, R. Wiesner	25:509–28
The Regulation of Hepatic Glutathione	N. Kaplowitz, Tak Yee Aw, M. Ookhtens	25:715–44
Antibiotic Tolerance among Clinical Isolates of Bacteria	S. Handwerger, A. Tomasz	25:349–80
The Pharmacological and Physiological Role of Cyclic GMP in Vascular Smooth Muscle Relaxation	L. J. Ignarro, P. J. Kadowitz	25:171–91
Steroid Hormone Regulation of Gene Expression	G. M. Ringold	25:529–66
The Biological Basis and Measurement of Thresholds	W. N. Aldridge	26:39–58
METABOLIC FATE OF DRUGS AND CHEMICALS		
Localizaton of Metabolic Activation and Deactivation Systems in the Lung: Significance to the Pulmonary Toxicity of Xenobiotics	R. F. Minchin, M. R. Boyd	23:217–38
Suicidal Destruction of Cytochrome P-450 During Oxidative Drug Metabolism	P. R. Ortiz de Montellano, M. A. Correia	23:481–503

The Metabolism of Insecticides: The Role of Monooxygenase Enzymes	A. P. Kulkarni, E. Hodgson	24:19–42
The Regulation of Cytochrome P-450 Gene Expression	J. P. Whitlock, Jr.	26:333–69
The Metabolism of Xenobiotics by Certain Extrahepatic Organs and its Relation to Toxicity	T. E. Gram, L. K. Okine, R. A. Gram	26:259–91
Safety Evaluation of Polymer Materials	T. D. Darby	27:157–67
MISCELLANEOUS		
The Pharmacology of Aldose Reductase Inhibitors	P. F. Kador, W. G. Robison, Jr., J. H. Kinoshita	25:691–714
NEUROMUSCULAR PHARMACOLOGY		
Drug-Induced Modification of Ionic Conductance at the Neuromuscular Junction	J. J. Lambert, N. N. Durant, E. G. Henderson	23:505–39
The Mechanisms of Acrylamide Axonopathy	M. S. Miller, P. S. Spencer	25:643–66
Electrophysiological Correlates of the Neurotoxicology of Sensorimotor Systems	T. Baker, H. E. Lowndes	26:517–45
NEUROPHARMACOLOGY AND NEUROCHEMISTRY		
Nonopioid Peptides in Mammalian CNS	L. L. Iversen	23:1–28
The Endorphins: A Growing Family of Pharmacologically Pertinent Peptides	F. E. Bloom	23:151–70
Non-Equilibrium Behavior of Some Brain Enzyme and Receptor Systems	A. J. Mandell	24:237–74
The Coupling of the Neuronal Muscarinic Receptor to Responses	M. McKinney, E. Richelson	24:121–46
The Pharmacology of Eating Behavior	J. E. Morley, A. S. Levine	25:127–46
Potential Animal Models for Senile Dementia of Alzheimer's Type, with Emphasis on AF64A-Induced Cholinotoxicity	I. Hanin, A. Fisher	26:161–81
Current Antidepressants	L. E. Hollister	26:23–37
The Pharmacology of Thyrotropin-Releasing Hormone	A. Horita, M. A. Carino, H. Lai	26:311–32
Observations on the Pharmacology of Glaucoma	I. H. Leopold, E. Duzman	26:401–26
Cotransmission	G. Campbell	27:51–70
Drugs Affecting Movement Disorders	G. Campanella, M. Roy, A. Barbeau	27:113–36
Acetylcholine and the Regulation of REM Sleep: Basic Mechanisms and Clinical Implications for Affective Illness and Narcolepsy	P. J. Shiromani, J. C. Gillin, S. J. Henriksen	27:137–56
PERINATAL PHARMACOLOGY		
Mechanisms of Teratogenesis	D. A. Beckman, R. L. Brent	24:483–500
Pharmacokinetic Pitfalls in the Estimation of the Breast Milk/Plasma Ratio for Drugs	J. T. Wilson, R. D. Brown, J. L. Hinson, J. W. Dailey	25:667–89
PHARMACOKINETICS, DRUG ABSORPTION, AND EXCRETION		
Stable Isotopes in Pharmacokinetic Studies	P. J. Murphy, H. R. Sullivan	
Neuroleptic Concentrations and Clinical Response	L. Rivera-Calimlim, L. Hershey	24:361–86
Rate-Controlled Delivery Systems in Drug and Hormone Research	J. Urquhart, J. W. Fara, K. L.Willis	24:199–236

Pharmacokinetics of PCBs	H. B. Matthews, R. L. Dedrick	24:67–85
The Pulmonary Uptake, Accumulation, and Metabolism of Xenobiotics	J. R. Bend, C. J. Serabjit-Singh, R. M. Philpot	25:97–125

PHARMACOLOGICALLY ACTIVE NATURAL SUBSTANCES

Purinergic Neurotransmission and Neuromodulation	C. Su	23:397–411
Mechanisms of Selective Action of Pyrethroid Insecticides	J. E. Casida, D. W. Gammon, A. H. Glickman, L. J. Lawrence	23:413–38
Marine Pharmacology: Bioactive Molecules from the Sea	P. N. Kaul, P. Daftari	26:117–42
The Molecular Pharmacology of Botulinum Toxin and Tetanus Toxin	L. L. Simpson	26:427–53
The Pharmacology of Carnitine	J. J. Bahl, R. Bressler	27:257–77
Purine Receptors in Mammalian Tissues: Pharmacology and Functional Significance	M. Williams	27:315–45

RENAL PHARMACOLOGY

Pharmacodynamic Considerations in the Use of Diuretics	D. C. Brater	23:45–62
Transport of Organic Anions and Cations in Isolated Renal Plasma Membranes	C. R. Ross, P. D. Holohan	23:65–85
Drug Ototoxicity	L. P. Rybak	26:79–100
Renal Calcium Metabolism and Diuretics	C. T. Stier, H. D. Itskovitz	26:101–16
Control by Drugs of Renal Potassium Handling	F. H. Velázquez, F. S. Wright	26:293–309

REPRODUCTION AND FERTILITY

Gossypol: A Potential Antifertility Agent for Males	S.-H. Qian, Z.-G. Wang	24:329–60
Occupational Exposures Associated with Male Reproductive Dysfunction	S. D. Schrag, R. L. Dixon	25:567–92

REVIEW OF REVIEWS

Review of Reviews	E. L. Way	23:649–56, 24:525–33, 25:769–75, 26:567–76, 27:429–37

SMOOTH MUSCLE PHARMACOLOGY

Prostaglandins and Nonsteroidal Antiinflammatory Drugs in Dysmenorrhea	W. Y. Chan	23:131–49
The Role of Endothelium in the Responses of Vascular Smooth Muscle to Drugs	R. F. Furchgott	24:175–97
Changes in Vascular Smooth Muscle Reactivity during Development	S. P. Duckles, W. Banner Jr.	24:65–83
The Function of Myosin and Myosin Light Chain Kinase Phosphorylation in Smooth Muscle	K. E. Kamm, J. T. Stull	25:593–620
Pharmacology of Calcium Channels and Smooth Muscle Tissue	L. Hurwitz	26:225–58

STRUCTURE-ACTIVITY RELATIONSHIPS AND MEDICINAL CHEMISTRY

Structure-Activity Relationships of Dopamine Agonists	J. G. Cannon	23:103–30
Synthetic and Fermentation-Derived Angiotensin Converting Enzyme Inhibitors	M. L. Cohen	25:307–23
Affinity Labels for Opioid Receptors	A. E. Takemori, P. S. Portoghese	25:193–223
Computer-Aided Drug Design	G. R. Marshall	27:193–213

DRUGS AND RESPIRATION
The Effect of Drugs on Respiration in Man — A. S. Keats — 25:41–65

TECHNIQUES
Recent Developments in Mass Spectrometry for the Analysis of Complex Mixtures — B. L. Proctor — 23:171–92
Perspectives on Alternatives to Current Animal-Testing Techniques in Preclinical Toxicology — A. M. Rowan, A. M. Goldberg — 25:225–47
The Promise of Pharmacoepidemiology — B. L. Strom — 27:71–86
Statistical Methods and the Applications of Bioassay — E. M. Laska, M. J. Meisner — 27:385–97